fine silky hairs. The eorolla is relatively small, only slightly exceeding the ealyx-lobes. It grows on gravelly rises, flowering in mid-September.

Gastrolobium spinosum Benth. var. grandiflorum C. A. Gardn. var. nov.

Ramis glabris, glaucis; foliis orbicularl-reniformibus, spinoso-mucronatis, integerrimis, glaucis; racemis terminalibus, densifioris, calyces amplie glabriusculi, labio superiore lato et breviter bifido; ovario longe stipitato, dense villoso.

Frutex 30 cm. aitus, ramis patentibus; stipulae setaccae subsplnescentes, demum patentes. Folia circ. 1,5 cm. longa, 2 cm. lata. Racemi 1.5-2 cm. longl; bracteac ianecolatae acuminatae, 5 mm. longae. Calyx 1 cm. longus, iaxus. late campanulatus. lobis inferioribus ovatis obtusis, labio superlore lato bifido.

Hab. in distr. Irwin interiore prope Latham, in arcnosis apertis, fl. m. Oct. Gardner sine no. (1934).

This variety appears to be the most toxic of all the varieties of *G. spinosum*. It has accounted for heavy losses in stock, especially sheep, in the Latham and Dalwallinu districts. It grows on open sand plain country, and is a low shrub with widely spreading, almost horizontal branches and large orange-red blossoms. The leaf is almost kidney-shaped or broadly heart-shaped, and deeply indented at the base. Pale green in colour, it is not very thick, but is rigid and the apex is somewhat abruptly narrowed into a slender but rigid spine. The flowers are almost twice the size of those of the other forms and varieties of prickly poison. It has been received also from near Mingenew, and from between Mollerin and Beacon, as well as from Kalannie.

NESTING SEASONS OF WESTERN AUSTRALIAN BIRDS—A FURTHER CONTRIBUTION

By A. H. ROBINSON, Coolup.

In the previous issue of this journal (p. 149) I. C. Carnaby has analysed his records since 1926 of the nesting of Western Australian birds. I have maintained comparable records during the same periods and over similar areas. In view of the interest now being shown in the incidence of breeding seasons and the factors controlling them I feel it an opportune time to publish a series of my records showing how closely they conform to Carnaby's data.

In 1921 and 1922 my records for Claremont, near Perth (Lat. 32°, S.) were made over an area bounded by Cottesloe, Claremont, Floreat Park, Herdsman's Lake, Searborough and the ocean. For the most part this area was in its natural state. The present-day settlements of Graylands, Floreat Park and City Beach were unknown and Herdsman's Lake was in the process of being drained. There was only one house at Perry's Lakes (now portion of Floreat Park), a relie of the days when the lime kilns were

worked. This was inhabited and some of the area round the lakes was used for grazing eattle. The reed-beds in the lakes were not extensive and water-fowl did not nest in any numbers.

Butler's Swamp (Claremont) at this time was noted for its bird life. It had extensive reed-beds and the paper-barks were still alive (cf. W.A. Naturalist, vol. 2, 1950, p. 152) and afforded nesting sites for many birds which did not breed in the reed-beds. Included among these was the Restless Flycatcher.

The records made in 1921 and 1922 were mostly confined to weekends and school holidays. At this time the only Magpie Larks in this area were at Herdsman's Lake and there were many other breeding species within this area which are not recorded on my 1921-22 lists. Black-faced Wood-Swallows bred on the Seaview Golf Links at Cottesloe and from there back to the sanitary depot at North Cottesloe. The Australian Bittern was still breeding in Butler's Swamp.

Between 1923 and 1934 I was in the North-West. From 1923 to 1927 I made records at The Peake Station (Wyloo) (Lat. 23° S.) and from 1927 intermittent records on Ullawarra, near the same latitude. In 1933 and 1934 these records were made more comprehensive.

In setting out these records ${\bf I}$ have followed Carnaby's method for easier comparison with his paper. The map included by him is also applicable to this paper.

It will be noted that in North Western Australia, where the rainfall is very indefinite and mostly confined to the monsoonal season, many species have two breeding seasons. They nest as a result of the monsoonal rains in the summer and if the season is favourable with winter rains they nest again in the spring (August-Septemher). But there is a decided dropping off in the number of breeding birds during mid-winter (May, June and July). This could be caused by the fact that the gonads need a certain period of recuperation or regeneration between each breeding cycle and the low temperatures of winter are unpropitious.

Magpie Larks and Yellow-tailed Thornbills have been known to start building in May at Coolup in the South-west, but did not continue and the nests remained unattended until August. The eause of this temporary break-down on nesting operations appears to have been the cold wet conditions of mid-winter. It is possible, of course, that the spring breeding in the Northwest of those species which have a double breeding season is confined to individuals which were unsuccessful with their summer broods but we also have the fact that over a period of years odd records of many species may be obtained in mid-winter, particularly among seed-cating birds.

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TABLE 1 — NESTING RECORDS FROM CLAREMONT, 1921
 Yeliow-tailed Thornblll ..... July 16; Aug. 23, 25.
 Western Yellow Robin ..... July 31; August 25.
 Scarlet Robin ...... Aug. 7, 8.
 Western Silver-eye ..... Aug. 3.
 Western Shrike-Thrush ... Aug. 17.
 Gilbert Whistler (?) ...... Aug. 20.
 Little Wattle-bird ...... Aug. 20.
 Red Wattle-blrd Aug. 20, 21.
Welcome Swallow Aug. 21.
 Golden Bronze Cuckoo Aug. 23, 25.
Spinebill Aug. 23.
 Blaek Duek Aug. 25.
Grey Butcher-blrd Aug. 26.
 Singing Honeyeater ...... Aug. 29.
  Willie Wagtail ...... Sept. 4; Dec. 14.
  Western Magpie ____ Sept. 7.
  Brown Honeyeater ..... Sept. 7.
  Western Warbler ..... Sept. 10.
  Rufous Whistler ..... Sept. 10, 19.
  New Holland Honeyeater ...... Sept. 10, 13.
  Raven Sept. 18.
Reed Warbler Oet. 10.
  Swamphen ...... Oct. 29.
  Grey Teal ____ inov. 5.
  Whistling Eagle _____ Nov. 5.
Red-tipped Diamond Bird ____ Nov. 5; Dee. 11.
  Red-capped Dotterel Nov. 12.
Sacred Kingfisher Nov. 12.
  Bee-eater ...... Nov. 16.
  Little Bittern ...... Nov. 19.
  Tree-Martin ..... Dee. 11.
  TABLE 2 — NESTING RECORDS FROM CLAREMONT, 1922
  Western Yeliow Robin ...... July 23.
  Whistling Eagle ...... July 23.
  Yellow-tailed Thornblll ..... July 29; Aug. 5, 13, 20, 25, 25, 25, 28; Sept.
                                 15, 22.
  Searlet Robin Aug. 5, 6, 13.
Little Wattle-bird Aug. 5, 19.
  New Holland Honeyeater ..... Aug. 12, 28.
  Raven Aug. 19, 19.
Singing Honeyeater Aug. 19, 19; Sept. 15.
Narrow-bifled Bronze Cuekoo Aug. 20, 25; Sept. 15, 22; Nov. 20.
Weleome Swallow Aug. 23, 30.
  Brown Honeyeater ____ Aug. 28.
  Western Sliver-eye ...... Aug. 28, 28; Sept. 15, 18, 23, 23.
  Mountain Duek ...... Aug. 31.
  Western Magpie .....
                               Sept. 9.
  Tawny Frogmouth .....
                               Sept. 14.
 - Villie Wagtail .....
                               Sept. 15, 30; Nov. 11, 11, 12, 13, 18.
  Pallld Cuekoo
                               Sept. 15.
  Splnebili .....
                                Sept. 18.
  Kookaourra Sept. 23.
Splendid Blue Wren Sept. 23.
Grey Butcher-bird Sept. 23.
Restless Flyeatcher Nov. 11.
  Sacred Kingfisher ...... Nov. 12, 19.
  Reed Warbier ...... Nov. 18.
 - Swamphen ..... Nov. 12, 18, 18.
 Western Warbler ...... Nov. 18.
   Bee-eater ...... Nov. 21; Dee. 21, 21.
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As a preliminary to Table 3 the following general remarks may be made concerning the season and the breeding behaviour of the birds. During February and March, 1933, there was a fall of 10 inches of rain, and abundant feed was available to stock by the end of March. On April 2 Budgerygahs were looking for nesting sites. On April 9 migrating flocks of White-fronted Honeycaters were noted feeding on the flowers of the mistletoe and wax-bush, and odd birds remained until early August. Banded Plovers were commonly seen since the first rains. In early August Masked Wood-Swallows were breaking up flocks preparatory to nesting, which was first noted on September 9. On August 24 at the bower of a Spotted Bower-bird green pods and berries were being placed. On September 11 Bee-caters were tunnelling.

The records between September 23 and October 30 were made on a trip from Ullawarra to Onslow down the Ashburton River.

TABLE 3 — NESTING RECORDS FROM ULLAWARRA STATION, 1933 *

Magple Lark	March; April (young); Sept 28, Dec. 15.
Owlet Nightjar	March 8 (young); April 8, 23; Aug. 9.
Crested Bell-bird	March 13, 13, 21; April 8, 24, 27; Aug. 11
	Sept. 4, 4, 8, 18.
Redthroat	March 16; July 28.
Variegated Wren	March 19, 19.
Rufous Song-Lark	March 19, 23.
Yellow-throated Miner	March 20; April 23; May 31; Aug. 7; Sept. 13.
White-plumed Honeyeater	March 20; April 2; Sept. 30.
Wedgebili	March 20, 21, 21, 21, 23, 31, 31, 31, 31.
Black-faced Wood-Swallow	March 20, 21, 22; April 19; Sept. 13, 18, 23;
	Nov. 15 (young); Dec. 16.
Crimson Chat	March 26; April 19, 21, 24; Sept. 9, 9.
Australian Plplt	March 26; April 22; Aug. 9, 15; Sept. 8,
	13, 16.
Brown Song-Lark	March 23; April 4, 18.
Crested Plgeon	March 28, April 23, 24; Aug. 3; Nov. 16,
Brown Honeyeater	March 28.
Little Quail	March 29: April 4, 4,
Rufous Whistler	March 30; April 26; Aug. 24.
Western Shrike-Thrush	March 30; Aprll 2, 4.
White-winged Triller	March 31; Sept. 27, 28.
White-winged Wren	March 31.
Weero (Cockatlel)	April 2. 4.
Splny-cheeked Honeyeater	April 4, 4, 19, 23, 29, 31; Sept. 11,
White-browed Babbler	April 7, 12, 12, 26.
Zebra Fineh	April 19, 23, 23, 26, 27, 27, 27,
Palnted Fineh	April 19; Sept. 27.
Australian Dotterel	April 19.
Dlamond Dove	April 22.
Ground Cuckoo-Shrike	April 23.
Little Crow	April 24, 24; Aug. 4,
Budgerygah	April 23; June 4 (young); Sept. 10.
Star Fineh	April 27.
Red-hrowed Pardalote	April 27, 27; Sept. 4, 20.
Peaceful Dove	April 28.
Black-faeed Cuekoo-Shrike	April 28; Aug. 9, 24; Sept. 10.
Clnnamon Quail-Thrush	May 21.
Emu	June 9.
Australian Crow	June 25; July 2, 28.

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...,... May . . .; April . . .; Aug. 24; Scpt. 4, 4, 4, 4,
Tree-Martin
                                   10, 10,
Biaek-baeked Magpie
                                 June 29; Aug. 9; Sept. 7, 12, 15, 16, 17, 18;
                                  Nov. 15 (young).
Red-capped Robin July (young); Sept. 4.
White-faeed Heron ____ July 28.
Biack-eared Cuekoo July 28.
                                 Aug. 3, 9.
Twenty-eight Parrot ..... Aug. 3, 9.
Singing Honeycater ...... Aug. 3, 9, 11; Sept. 6, 18; Nov. 1.
Grey Butcher-blrd
                                 Aug. 4, 4, 9, 11, 15, 15.
Red-plumed Pigeon . ..... Aug. 7; Nov. 1.

        Hooded Robin
        Aug. 9.

        Pied Butcher-bird
        Aug. 9, 15, 24; Sept. 4, 7.

        Kestrel
        Aug. 9, 31; Sept. 20, 30.

        Bustard
        Aug. 15.

                            ..... Aug. 24; Sept. 20.
Red-backed Kingfisher ....
                                 Sept. 4.
Little Corella ....
Narrow-billed Bronze Cuckoo Sept. 4,
Mistletoe Bird
                                 Sept. 4.
Masked Wood-Swallow ....
                                 Sept. 9 . . ., 18 . . ., 25.
Grey-crowned Babbler .....
                                 Sept. 10.
                                 Sept. 11.
Bee-cater
Black-capped Sittella
Tawny Frogmouth
                                 Sept. 11, 18, 23; Nov. 1.
                                 Scpt. 12.
Wedge-tailed Eagle
                                 Sept. 14 (fully fledged young in nest).
Sept. 19, 19, 20.
Brown Thornbill
Southern Stone-Curiew
                                 Sept. 20.
Bluc-winged Kookaburra ..... Sept. 24, 29,
                ..... Sept. 30.
Little Falcon
Whistling Eagle .....
                                 Oet. 1.
Little Pled Cormorant
                                 Oct. 2 (young).
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*The symbol (...) in Tables 3 and 4 indicate that several nests were found in the period mentioned but not particularised.

In connection with Table 4, dealing principally with the year 1934, the following information may be given. The season's rain began on December 7, 1933, when 52 points fell, five inches being recorded up to February 10. As at Landor Station, where Carnaby made his observations at the same period, it was a good season, though there was no winter rain.

The first birds to respond to the rain were Black-faced Wood-Swallows and Magpie Larks, which were found nesting on December 15, 1933. On December 24 Red-eapped Robins were singing before sun-rise. On January 20 a few White-winged Trillers, flying about in gum trees heavy with blossom, kept up an incessant whistling. The Pallid Cuckoo was singing. Odd Banded Plover had arrived the previous week. By this date Magpie Larks were nesting freely, and by mid-February White-winged Trillers and Wedgebills were also generally nesting. On February 19 the first flocks of Ground Cuckoo-Shrikes were seen, Towards the end of February Emus were very plentiful on the plains in flocks of up to 50 individuals, some with small broods. These must have migrated from elsewhere. On March 19 Red-breasted Babblers were lining nests and on March 23 Brown Honeyeaters were heard singing. On April 1 Song-Larks were recorded as being much more plentiful than hitherto and singing all day long.

I was absent from the area between September-November 8.

TABLE 4 — NESTING RECORDS FROM ULLAWARRA STATION. 1934.

(young); Aug. 31. Dec. 16; Jan. 14; Feb. 10, 25. Jan. 19. White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Jan. 19, 29; Feb. 26; March 22; April 1. Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10; April 1. Sanded Plover Feb. 12. Feb. 12.	Black-faced Wood-Swallow Dec. 16; Jan. 14; Feb. 10, 25. Jan. 19.	۵	1A11ON, 1934.
Dec. 16; Jan. 14; Feb. 10, 25.	Black-faced Wood-Swallow Dec. 16; Jan. 14; Feb. 10, 25. Jan. 19.	Magple Lark	
Willie Wagtail Jan. 19. White-plumed Honeyeater Black-faced Cuckoo-Shrike Jan. 19; Fcb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Jan. 19, 29; Fcb. 26; March 22; April 1. Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Seanded Plover Feb. 12.	Willie Wagtail Jan. 19. White-plumed Honeyeater Jan. 19; Fcb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Singing Honeycater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgeblil Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Fcb. 10 Owlet Nightjar Feb. 12.	Plack food Word Cuallan	
White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Feb. 26; March 22; April 1. Singling Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10; April 1. Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	White-plumed Honeyeater Jan. 19; Fcb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Singling Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.		
Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Singing Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Fcb. 10; April 1. Owlet Nightjar Fcb. 12. Banded Plover Feb. 12.	Black-faced Cuckoo-Shrike		
Jan. 19, 20; Feb. 12; March 1, 4, 23, 24.	Singling Honeycater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.		
Crested Beil-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.	Crested Bell-blrd Jan. 20; Feb. 4; March 23; Aprll 18. Western Shrlke-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.		
Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12. Banded Plover Feb. 12.	Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; Aprii 1. White-winged Triller Owlet Nightjar Fcb. 10 Feb. 12. Feb. 12.		
Rufous Whistler Feb. 5, 10. Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.	Rufous Whistler Feb. 5, 10. Wedgeblii Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Fcb. 10		The state of the s
Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Fcb. 10; April 1. White-winged Triller Fcb. 10 Owlet Nightjar Fcb. 12. Banded Plover Feb. 12.	Wedgeblii Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Fcb. 10; April 1. White-winged Triller Owlet Nightjar Fcb. 10 Feb. 12. Fcb. 12.		
8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10	8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightlar Feb. 12.		·
Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.	wedgebili	
White-winged Triller Feb. 10 Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.	Constal Discount	
Banded Plover Feb. 12.	Owiet Nightjar Feb. 12.		
Banded Plover Feb. 12.	Powded Blacon Each 10	Owlet Nightian	
TIOTOL MANNE	Danded Ployer Feb. 12.	Banded Ployer	
Common Bronzewing Feb. 15; March 23.	Common Bronzowing Ech 15: March 23	Common Bronzewing	
		Peaceful Dove	
Splny-checked Honeyeater Feb. 16: March 22.		Splny-checked Honeyeater	
Crimson Chat Feb. 15.	Peaceful Dove Feb. 16. Splny-checked Honovester Feb. 16: March 22.	Crlmson Chat	
Ground Cuckoo-Shrike Feb. 25.	Peaceful Dove Feb. 16. Splny-checked Honeycater Feb. 16; March 22. Crlmson Chat Feb. 15.	Ground Cuckoo-Shrike	Feb. 25,
Little Crow March 10, 12, 14, 14, 20, 23.	Peaceful Dove Feb. 16. Splny-checked Honeycater Feb. 16; March 22. Crlmson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25.	Little Crow	March 10, 12, 14, 14, 20, 23.
	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23	Grey-crowned Babbler	
	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Feb. 16; March 22. Crlmson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Llttle Crow March 10, 12, 14, 14, 20, 23.		Aug. 4, 4, 4; Sept. 4.
Grey-crowned Babbler	Peaceful Dove Feb. 16. Spiny-checked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4.	Yellow-throated Miner	March 14, 17; Aug. 15, 31,
Grey-crowned Babbler	Peaceful Dove Feb. 16. Splny-checked Honeyeater Crlmson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Llttle Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31.	Palnted Flnch	March 12.
Grey-crowned Babbler	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Crlmson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Llttle Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Palnted Finch March 12.	Western Bower-bird	March 12 (two fledglings just left nest).
Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. Western Bower-bird March 12 (two fledglings just left nest)	Peaceful Dove Feb. 16. Splny-checked Honeycater Feb. 16; March 22. Crlmson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Llttle Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12 Western Bower-bird March 12 (two fleedglings just left nest)	Hooded Robin	March 12.
Aug. 4, 4; Sept. 4. Western Bower-bird March 12. Wooded Robin March 14, 17; Aug. 15, 31. March 12. March 12. March 12. March 12. March 12.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Yellow-throated Miner March 14, 17; Aug. 15, 31. Palnted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12.	Bustard	March 12.
Aug. 4, 4; Sept. 4. Western Bower-bird March 12. Hooded Robin March 12. March 14, 17; Aug. 15, 31. March 12.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Palnted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12.	Australian Plplt	March 14; Aprll 23.
Aug. 4, 4; Sept. 4. March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. March 12 (two fledglings just left nest). March 12. March 12. March 12. March 12. March 14: April 23.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Crlmson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Pipit March 14; April 23.	Zebra Finch	March 17.
Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Plpit March 14; April 23. Zebra Finch March 17.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Palnted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Plpit March 14; April 23. Zebra Finch March 17.	Black-eapped Slttella	March 24; April 21.
Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. Western Bower-bird March 12 (two fledglings just left nest). March 12. March 14; April 23. March 17. March 17. March 18. March 18. March 19. March 24: April 21.	Peaceful Dove Feb. 16. Splny-checked Honeycater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Plpit March 14; April 23. Zebra Finch March 17. Black-capped Sittella March 24; April 21.	Tree-Martin	April 12; May 13, 13, 13.
Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4, March 14, 17; Aug. 15, 31. March 12 Western Bower-bird March 12 (two fledglings just left nest). March 12. March 12. March 12. March 12. March 12. March 12. March 14; April 23. March 17 Glack-eapped Sittella March 24; April 21. March 24; April 21. April 12: May 13, 13, 13.	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Pipit March 14; April 23. Zebra Finch March 17. Black-capped Sittella March 24; April 21. Tree-Martin April 12: May 13, 13, 13.	Diamond Dove	Aprll 23, 23, 25; Aug. 13, 14.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Yellow-throated Miner March 12, 23; April 1, 12, 20; May 8, 13; Palnted Finch March 12, 20; May 13, 13, 13. Western Bower-bird March 12, 20; May 13, 13, 13, 13. Hooded Robin March 12 Bustard March 12, March 12, March 12. Australian Pipit March 14; April 23. Zebra Finch March 17. Black-eapped Sittella March 24; April 21. Tree-Martin April 22; May 13, 13, 13. Diamond Dove April 23, 23, 25; Aug, 13, 14	White-backed Swallow	Aprll 23, 23.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Yellow-throated Miner March 11, 22, 31; April 1, 12, 20; May 8, 13; Palnted Finch March 12. Western Bower-bird March 12. Hooded Robin March 12. Bustard March 12. Australian Plpit March 12. Australian Plpit March 14; April 23. Zebra Finch March 17. Black-eapped Sittella March 24; April 21. Tree-Martin April 23, 23, 25; Aug. 13, 14. Diamond Dove April 23, 23, 25; Aug. 13, 14. Whlte-backed Swallow April 23, 23, 25; Aug. 13, 14.		
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4, March 14, 17; Aug. 15, 31. March 12. March 12 (two fledglings just left nest). March 12. March 12. March 12. March 12. March 12. March 12. March 14; April 23. Australian Plpit March 14; April 23. March 17. March 24; April 21. Pree-Martin March 24; April 21. April 12; May 13, 13, 13. April 23, 23, 25; Aug. 13, 14. April 23, 23. May 2. May 2.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Feb. 16; March 22. Crimson Chat Feb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 12, Warch 12, 31. Palnted Finch March 12. Western Bower-bird March 12. Hooded Robin March 12. Bustard March 12. Australian Plpit March 14; April 23. Zebra Finch March 17. Black-eapped Sittella March 17. Black-eapped Sittella March 24; April 21. Tree-Martin April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23. Cinnamon Quail-Thrush May 2.	Cinnamon Quall-Thrush	May 2.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4.	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Plpit March 14; April 23. Zebra Finch March 17. Black-eapped Sittella March 24; April 21. Tree-Martin April 12; May 13, 13, 13. Diamond Dove April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23. Cinnamon Quail-Thrush May 2. Emu May 3.	Emu	
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4; Sept. 4, March 14, 17; Aug. 15, 31. March 12. Western Bower-bird	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner Painted Finch March 12, March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Plpit March 12. Zebra Finch March 17. Black-capped Sittella March 17. Black-apped Sittella March 12; May 13, 13, 13. Diamond Dove April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23. Cinnamon Quail-Thrush May 2. Emu May 3. Australian Crow July 8; Dec. (young).	Emu Australian Crow	May 3. July 8; Dec. (young).
Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. Western Bower-bird March 12. Hooded Robin March 12. March 14, April 23. March 14; April 23. March 17; Aug. 15, 31. March 12. March 13. March 14; April 23. March 17: March 14; April 23. March 17: March 14; April 23. March 17: March 18; Aug. 15, 31. March 19. March 10. March 12. Marc	Peaceful Dove Feb. 16. Splny-cheeked Honeyeater Crlmson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 14, 17; Aug. 15, 31. Painted Finch March 12. Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Pipit March 14; April 23. Zebra Finch March 17. Black-capped Sittella March 12; May 13, 13, 13. Diamond Dove April 12; May 13, 13, 13. White-backed Swallow April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23. Cinnamon Quali-Thrush May 3, Australian Crow July 8; Dec. (young). Grey Butcher-bird Aug. 13.	Emu Australian Crow Grey Buteher-bird	May 3. July 8; Dec. (young). Aug. 13.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12 Western Bower-bird March 12 (two fledglings just left nest). March 12.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 12, Western Bower-bird March 12 (two fledglings just left nest). Hooded Robin March 12. Bustard March 12. Australian Pipit March 12. Australian Pipit March 14; April 23. Zebra Fineh March 17. Black-eapped Sittella March 18. Diamond Dove March 19. April 21; May 13, 13, 13. Diamond Dove March 19. White-backed Swallow April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23. Cinnamon Quali-Thrush May 2. Emu May 3. Australian Crow July 8; Dec. (young). Grey Buteher-bird Aug. 5.	Australian Crow Grey Butcher-bird Twenty-eight Parrot	May 3. July 8; Dec. (young). Aug. 13. Aug. 5.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. Western Bower-bird March 12 (two fledglings just left nest). March 12. March 13. March 14; April 23. March 17. March 24; April 21. April 23, 23, 25; Aug. 13, 14. April 24, April 25, Aug. 15, April 26, April 27, April 27, April 28, April 29, April 29, April 29, April 21, April 23, 25; Aug. 13, 14. April 23, 23, 25; Aug. 13, 14. April 24, April 25, Aug.	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 12. Western Bower-bird March 12. Western Bower-bird March 12. Bustard March 12. Australian Pipit March 12. Australian Pipit March 14; April 23. Zebra Finch March 17. Black-capped Sittella March 17. Black-eapped Sittella March 18; May 13, 13, 13. Diamond Dove April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23, 25; Aug. 13, 14. White-backed Swallow May 3. Australian Crow July 8; Dec. (young). Grey Butcher-bird Aug. 31, Twenty-eight Parrot Aug. 31, White-faced Heron Aug. 31,	Emu Australian Crow Grey Butcher-bird Twenty-eight Parrot White-faced Heron	May 3. July 8; Dec. (young). Aug. 13. Aug. 5. Aug. 31.
March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. March 13. March 14; April 23. March 17. March 17. March 18. March 18. March 19. March 19	Peaceful Dove Feb. 16. Spiny-cheeked Honeyeater Crimson Chat Feb. 16; March 22. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10, 12, 14, 14, 20, 23. Grey-crowned Babbler March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. Yellow-throated Miner March 12. Western Bower-bird March 12. Western Bower-bird March 12. Bustard March 12. Australian Pipit March 12. Australian Pipit March 14; April 23. Zebra Finch March 17. Black-eapped Sittella March 17. Black-eapped Sittella March 18; May 13, 13, 13. Diamond Dove April 23, 23, 25; Aug. 13, 14. White-backed Swallow April 23, 23, 25; Aug. 13, 14. White-backed Swallow May 3. Australian Crow July 8; Dec. (young). Grey Butcher-bird Aug. 31. White-faced Heron Aug. 31; Dec. (young).	Emu Australian Crow Grey Butcher-bird Twenty-eight Parrot White-faced Heron Bee-eater	May 3. July 8; Dec. (young). Aug. 13, Aug. 5. Aug. 31, Aug. 31; Dec. (young).
Spiny-checked Honeyeater Feb. 16; March 22. Crimson Chat Fcb. 15. Ground Cuckoo-Shrike Feb. 25. Little Crow March 10. 12. 14. 14. 20. 23.		Spiny-checked Honeyeater Crimson Chat Ground Cuckoo-Shrike Little Crow Grey-crowned Babbler Yellow-throated Miner Painted Finch Western Bower-bird Hooded Robin Bustard Australian Pipit Zebra Finch Black-eapped Sittella Tree-Martin Diamond Dove White-backed Swallow	Feb. 16; March 22. Feb. 15. Feb. 25. March 10, 12. 14, 14, 20, 23. March 11, 22, 31; April 1, 12, 20; May 8, 13; Aug. 4, 4, 4; Sept. 4. March 14, 17; Aug. 15, 31. March 12. March 12 (two fledglings just left nest). March 12. March 12. March 13. March 14; April 23. March 17. March 24; April 21. April 12; May 13, 13, 13. April 23, 23, 25; Aug. 13, 14.
TIOTOL MANUAL MA	Danded Ployer Feb. 12.	Banded Ployer	
Banded Plover Feb. 12.	Ponded Discorn	Owlet Nightiar	
Banded Plover Feb. 12.	Owiet Nightjar Feb. 12.		
White-winged Triller Feb. 10 Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.	Crasted Piggon	
Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.	Wedgenii	
8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10	8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightlar Feb. 12.		·
Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Fcb. 10; April 1. White-winged Triller Fcb. 10 Owlet Nightjar Fcb. 12. Banded Plover Feb. 12.	Wedgeblii Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Fcb. 10; April 1. White-winged Triller Owlet Nightjar Fcb. 10 Feb. 12. Fcb. 12.		
Rufous Whistler Feb. 5, 10. Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.	Rufous Whistler Feb. 5, 10. Wedgeblii Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Fcb. 10		The state of the s
Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12. Banded Plover Feb. 12.	Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; Aprii 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; Aprii 1. White-winged Triller Owlet Nightjar Fcb. 10 Feb. 12. Feb. 12.		
Crested Beil-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.	Crested Bell-blrd Jan. 20; Feb. 4; March 23; Aprll 18. Western Shrlke-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.		
Jan. 19, 20; Feb. 12; March 1, 4, 23, 24.	Singling Honeycater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Owlet Nightjar Feb. 10 Feb. 12. Feb. 12.		
Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Singing Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Fcb. 10; April 1. Owlet Nightjar Fcb. 12. Banded Plover Feb. 12.	Black-faced Cuckoo-Shrike		
White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Feb. 26; March 22; April 1. Singling Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10; April 1. Owlet Nightjar Feb. 12. Banded Plover Feb. 12.	White-plumed Honeyeater Jan. 19; Fcb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Singling Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.		Dec. 16; Jan. 14; Feb. 10, 25.
Willie Wagtail Jan. 19. White-plumed Honeyeater Black-faced Cuckoo-Shrike Jan. 19; Fcb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Fcb. 26; March 22; April 1. Jan. 19, 29; Fcb. 26; March 22; April 1. Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgeblli Fcb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Seanded Plover Feb. 12.	Willie Wagtail Jan. 19. White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Black-faced Cuckoo-Shrike Jan. 19, 29; Feb. 26; March 22; April 1. Singing Honeyeater Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgeblil Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10 Owlet Nightjar Feb. 12.		
(young); Aug. 31. Dec. 16; Jan. 14; Feb. 10, 25. Jan. 19. White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Jan. 19, 29; Feb. 26; March 22; April 1. Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10; April 1. Sanded Plover Feb. 12. Feb. 12.	(young); Aug. 31. Black-faced Wood-Swallow Willie Wagtail White-plumed Honeyeater Black-faced Cuckoo-Shrike Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Jan. 19, 29; Feb. 26; March 22; April 1. Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Beli-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon White-winged Triller Owlet Nightlar Feb. 10 Feb. 10 Feb. 10	Magple Lark	Dec. 15; Jan. 14, 25, 27; March 24
(young); Aug. 31. Dec. 16; Jan. 14; Feb. 10, 25. Jan. 19. White-plumed Honeyeater Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Jan. 19, 29; Feb. 26; March 22; April 1. Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Bell-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Feb. 4. Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon Feb. 10; April 1. White-winged Triller Feb. 10; April 1. Sanded Plover Feb. 12. Feb. 12.	(young); Aug. 31. Black-faced Wood-Swallow Willie Wagtail White-plumed Honeyeater Black-faced Cuckoo-Shrike Jan. 19; Feb. 8, 16, 16; March 24; Aug. 11. Jan. 19, 29; Feb. 26; March 22; April 1. Jan. 19, 20; Feb. 12; March 1, 4, 23, 24. Crested Beli-bird Jan. 20; Feb. 4; March 23; April 18. Western Shrike-Thrush Rufous Whistler Feb. 5, 10. Wedgebili Feb. 8, 8, 8, 16; March 14, 23, 24; April 8, 18; Aug. 11, 14. Crested Pigeon White-winged Triller Owlet Nightlar Feb. 10 Feb. 10 Feb. 10		1A11ON, 1934.

FROM FIELD AND STUDY

Record of the Silver-grey Petrel from Rottnest.—Together with D. Gillies and E. Lindgren, we found a beach-drifted petrel of grey and white plumage, about half a mile east of Green Island, on the southern shore of Rottnest Island, in December 1954. The specimen had dried out to a mummy and had evidently come ashore during the preceding winter. The colouration (white head, whitish bill, grey back, black wing quills, white tail and under parts) and measurements (culmen, 41 mm., tarsus, 53 mm.) led us to believe the bird was a Silver-grey Petrel or Southern Fulmar (Fulmarus antarcticus), which identification was verified by Dr. D. L. Serventy who examined some of the remains. This is the second record for the State and the sixth for Australia.

-E. MeCRUM, Bassendean; and P. SLATER, Claremont.